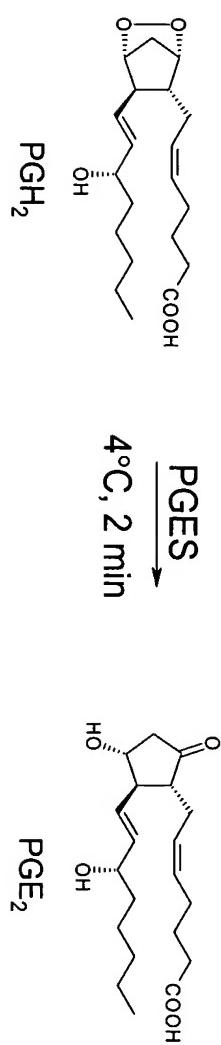


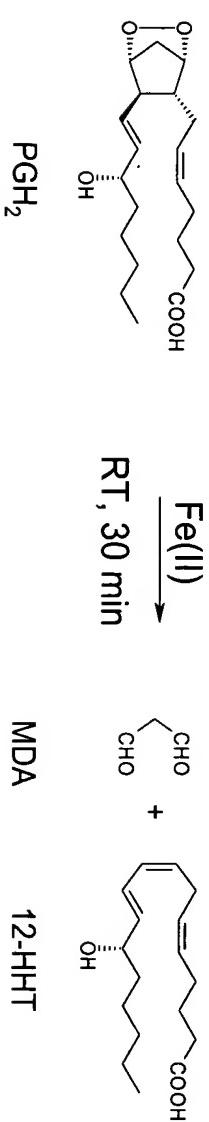
NOVEL METHODS INVOLVING THE  
DETERMINATION OF ACTIVITY OF ENZYMES  
THAT USE OR PRODUCE PROSTAGLANDIN  
ENDOPEROXIDE H<sub>2</sub>  
INVENTOR: RALPH H. LAMBALOT  
PFIZER DOCKET NO. PC23214A

# Figure 1

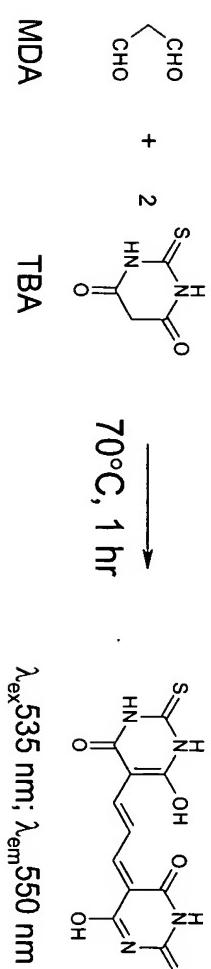
## 1. Enzyme incubation



## 2. Fe(II) reduction of remaining PGH<sub>2</sub>



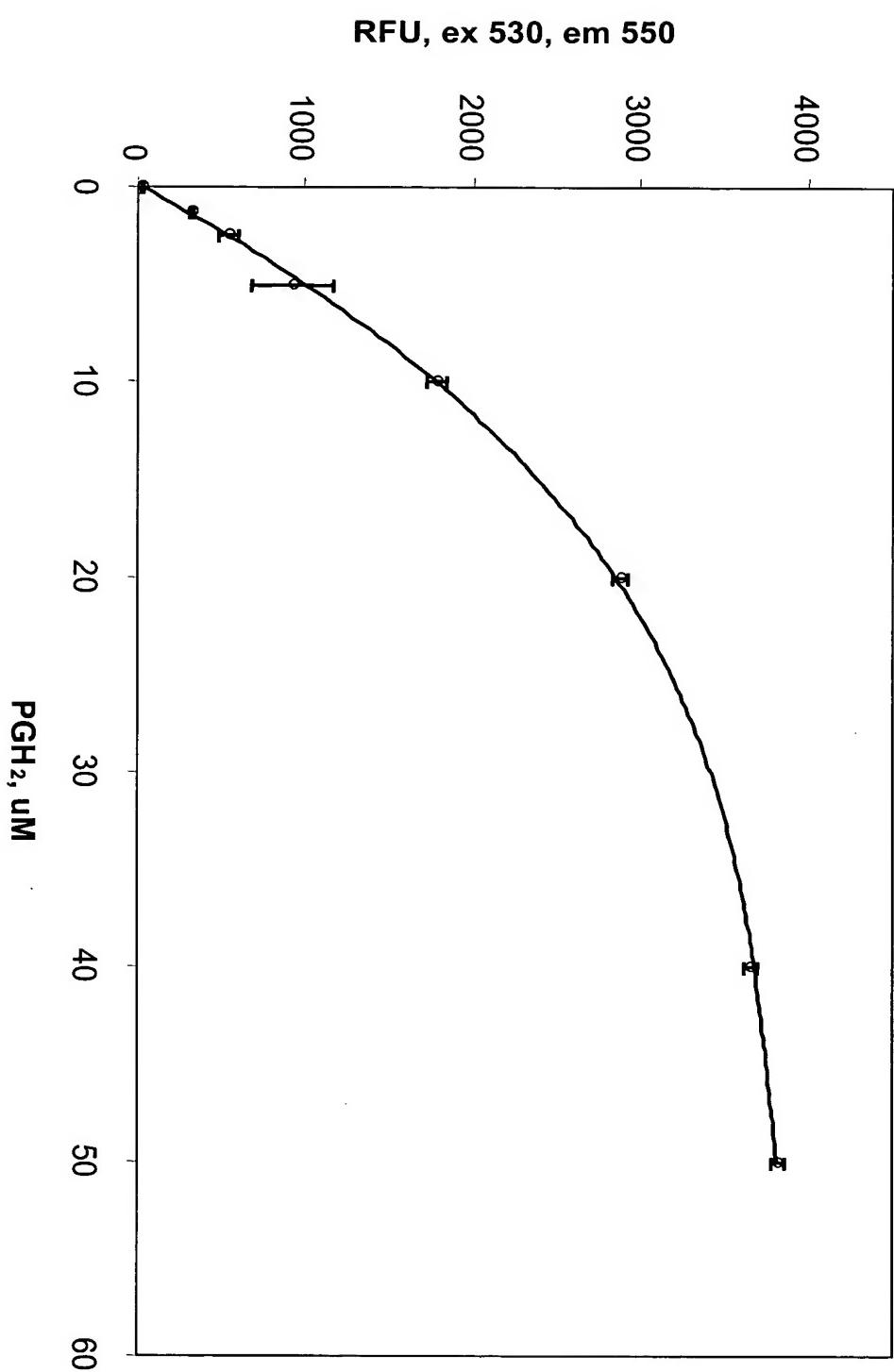
## 3. TBA quantitation of MDA



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**Figure 2**

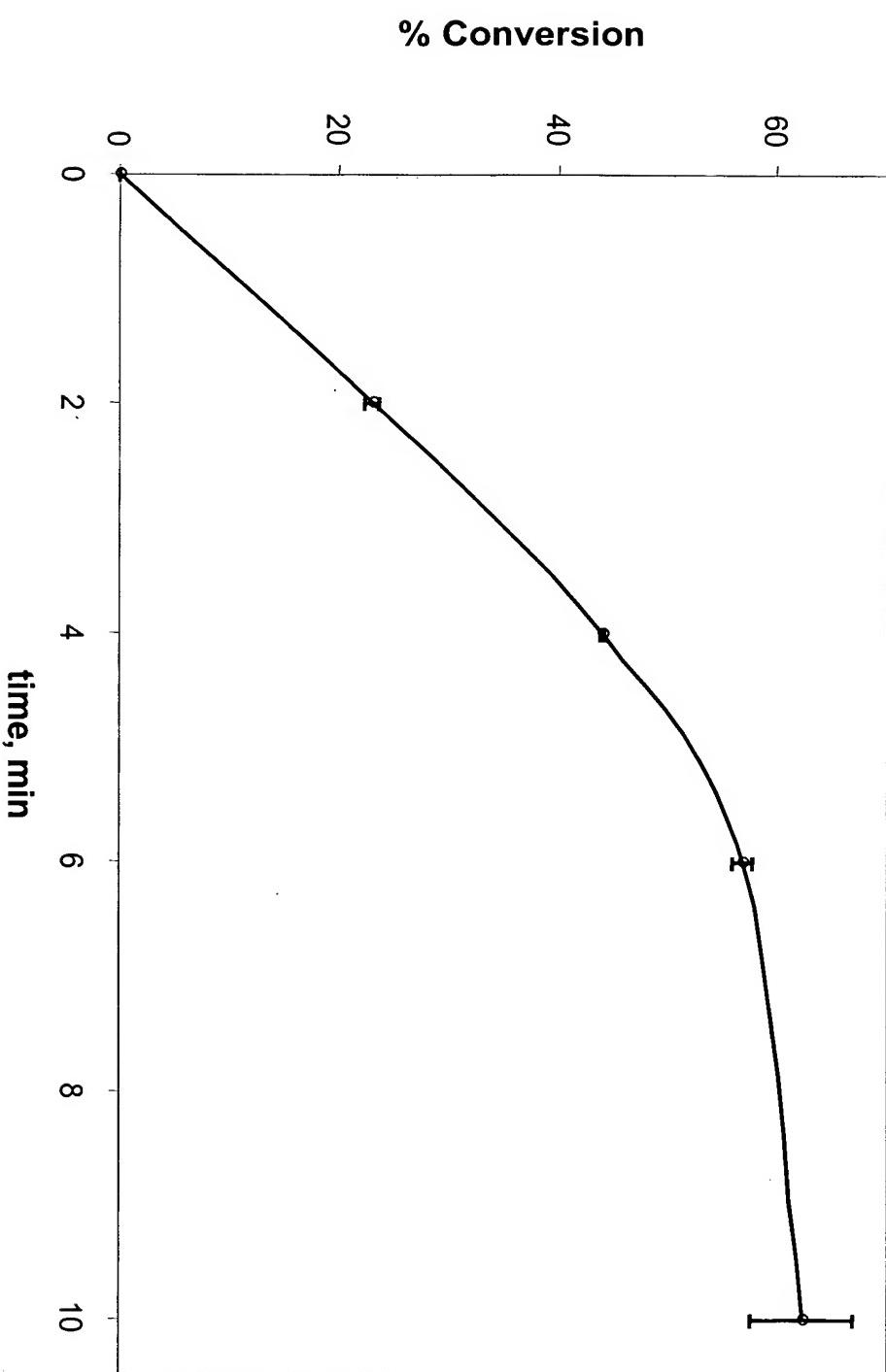
**Raw TBA adduct Fluorescence vs. [PGH<sub>2</sub>] Titration**



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**Figure 3**

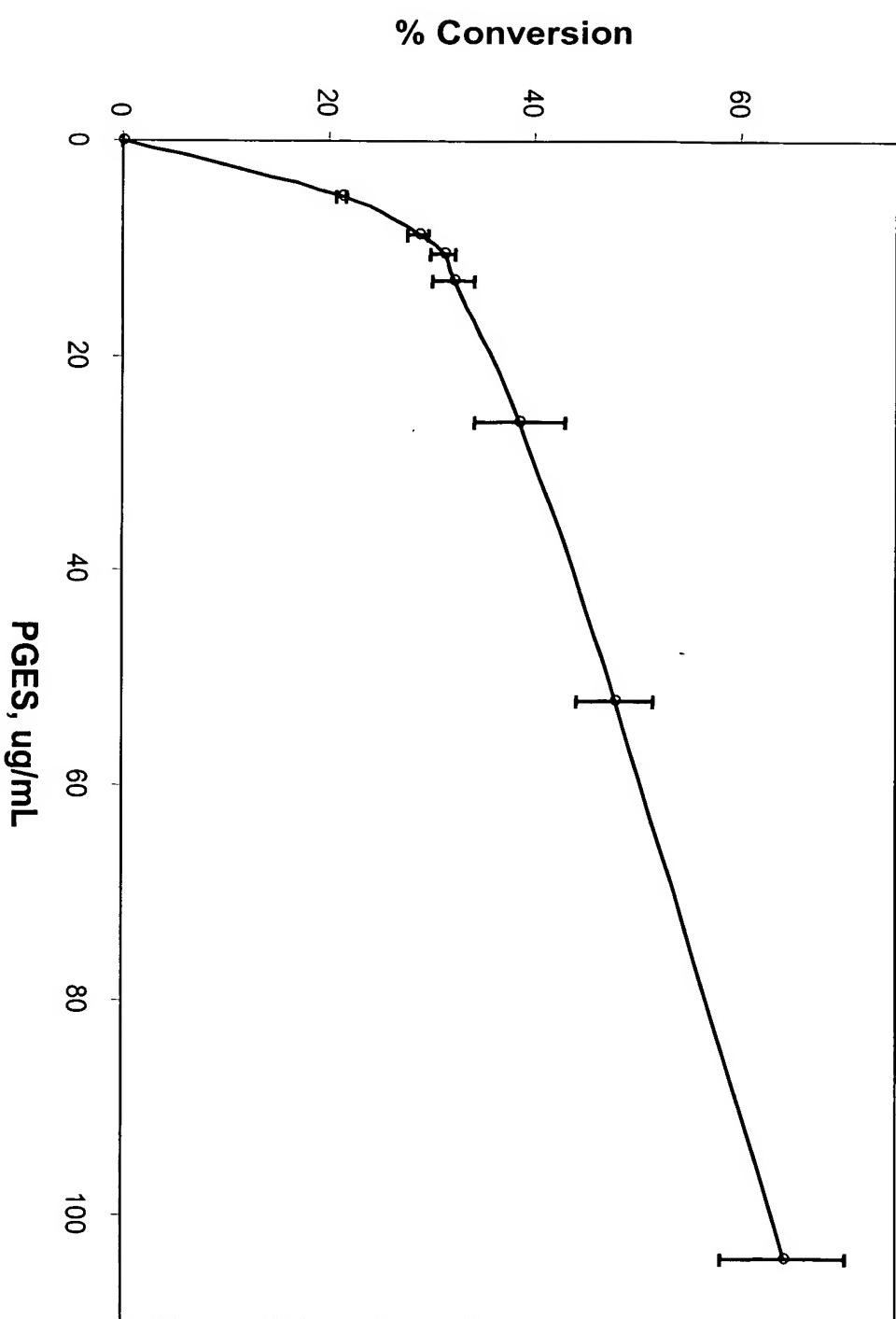
**Conversion of PGH<sub>2</sub> by PGES Over Time, as Measured by Assay**



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**Figure 4**

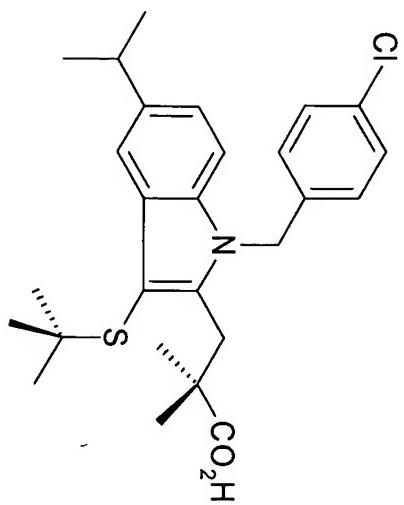
**Conversion of PGH<sub>2</sub> by PGES With Increasing [PGES],  
as Measured by Assay**



NOVEL METHODS INVOLVING THE  
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**Figure 5**

$$IC_{50} = 5.3 \pm 1.5 \mu M$$



CAS 118414-82-7

